

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Modified) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
P00596

SERIAL NO.
09/973,385

APPLICANT: Soltz et al.

FILING DATE 10/09/01

GROUP 1654

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 C.F.R. 1.98(a)(2)(i))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>	6	1	8	3	4	9	8		Devore et al.			
	5	8	7	4	5	3	6		Kelman et al.			
	5	3	5	4	3	3	6		Kelman et al.			
	5	2	9	0	5	5	2		Sierra et al.			
	6	1	3	6	3	4	1		Petito			
	5	8	2	4	0	1	5		Sawyer			
	5	6	1	8	5	5	1		Tardy et al.			
	5	5	5	2	4	5	2		Khadem et al.			
	5	1	5	6	6	1	3		Sawyer			
<i>[Signature]</i>	6	3	3	5	0	0	7		Shimizu et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER							PUBL. DATE	COUNTRY OR PATENT OFFICE	CLAS S	SUBCLASS	TRANSLATION	
													YES	NO

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

<i>[Signature]</i>		Guidoin, R, Marceau, D, Coutre, J, Rao, TJ, Merhi, Y, Roy, PE, and De la Fay, D, Collagen coatings as biological sealants for textile arterial prostheses, Biomaterials, 10:642, 1989
		Jakob, H, Campbell, CD, Stemberger, A, Wriedt-Lubbe, I, Blumel, G, and Replogle, RL, Combined application of heterologous collagen and fibrin sealant for liver injuries, J. Surg. Res, 36: 571-577, 1984
		Pfab, R, Asherl, R, Erhardt, W, Geissdorfer, K, Stemberger, A, Blumel, G, and Hartung, Animal experiments on hemostasis with a collagen-fibrin tissue-adhesive sealant in the nephrostomy tract, Urol. Int. , 42: 207-209, 1987
		Jonas, RA, Ziemer, G, Shoen, FJ, Britton, L, and Castaneda, AR, A new sealant for knitted Dacron prostheses: minimally crosslinked gelatin, J. Vasc. Surg., 7:414-419, 1988
		San-Galli, F, Darrouzet, V, Riverl, J, Baquay, C, Ducassou, D, and Guerin, J, Experimental evaluation of a collagen-coated vicryl mesh as a dural substitute, Neurosurgery, 30: 396-401, 1992
		Goins, KM, Khadem, J, Majmudar, PA, and Ernest, JT, Photodynamic biologic tissue glue to enhance corneal wound healing after radial keratotomy, J. Cataract Refract. Surg., 23: 1331-1338, 1997
<i>[Signature]</i>		Nakayama, Y and Matsuda, T, Photocurable surgical tissue adhesive glues composed of photoreactive gelatin and poly(ethylene glycol) diacrylate, J. Biomed. Mater. Res., 48:511-521, 1999.

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(37 CFR 1.98(b))

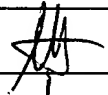
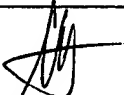
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OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

		Feito, BA, Rath, AM, Longchamp, E, Azorin, J, Experimental study on the in vivo behavior of a new collagen glue in lung surgery, Eur. J. Cardiothorac. Surg., 17:8-13, 2000
		Czerny, M, Verrel, F, Weber, H, Muller, N, Kircheis, L, Lang, W, Steckmeier, B, and Trubel, W, Collagen patch coated with fibrin glue components. Treatment of suture hole bleedings in vascular reconstruction, J. Cardiovasc. Surg., 41:553-557, 2000
		Sekine, T, Nkamura, T, Shimizu, Y, Ueda, H, Matsumoto, Y, Takimoto, Y, and Kiyotani, T, A new type of surgical adhesive made from porcine collagen and polyglutamic acid, J. Biomed. Mater. Res., 54:305-310, 2001
		Baar, S, Schorner, C, Rollinghoff, M, Radespiel-Troger, M, Hummer, HP and Carbon, RT, Collagen patches impregnated with antimicrobial agents have a high local antimicrobial efficacy and achieve tissue gluing, Infection, 29:27-31, 2001
		Oiwa, H, Takamoto, S, Murakami, A, Tanaka, O, and Furuse, A, Experimental study of small arterial anastomosis with gelatin-recorcinol-formaldehyde glue and collagen sheet, Artif. Organs 25:281-291, 2001
		Okino, H, Nakayama, Y, Tanaka, M, and Matsuda, T, In situ hydrogelation of photocurable gelatin and drug release, J. Biomed. Mater. Res., 59:233-245, 2002
		Wise, PE, Wudel, LJ, Jr, Belous, AE, Allos, TM, Kuhn, SJ, Fuerer, ID, Washington, MK, Pinson, CW, and Chapman, WC, Biliary reconstruction is enhanced with a collagen-polyethylene glycol sealant, Am. Surg., 68:561-562, 2002
		Martis, G, Miko, I, Szendroi, T, Kathy, S, Kovacs, J, Hajdu, Z, Results with collagen fleece coated with fibrin glue (TachoComb). A macroscopical and histological experimental study, Acta Chir. Hung., 36:221-222, 1997

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<i>JS</i>	6	5	4	7	7	9	4		Auge, II			
	5	7	4	9	8	9	5		Sawyer et al.			
	5	8	9	5	4	1	2		Tucker			
	5	7	9	1	3	5	2		Reich et al.			
	5	2	1	9	8	9	5		Kelman et al.			
	5	7	6	7	1	5	2		Nielsen et al.			
	6	1	6	1	5	4	4		DeVore et al.			
	0	0	2	2	5	8	8A		Wilkie et al.			
<i>JS</i>	6	1	9	7	9	3	4		DeVore et al.			

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OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

<i>JS</i>		ASI. "U.S. adhesives and sealants market to reach \$13.5 billion in 2003," Business New Publishing, September 27, 2000, www.adheisivemag.com/CDA/ArticleInformation/features/BNP_Features?Item/02,101,11471,00.html .
		Ellis et al., The university of minnesota biocatalysis/biodegradation database: microorganism, genomics and prediction, Nucleic Acids Research, 2000, vol. 28, no. 1, pp. 377-379.
		Alberts et al. Molecular biology of the cell. Garland Publishing, Inc. 1994. pp. 979, Fig. 19-40.
<i>JS</i>		Caroli et al., "An experimental study of a cyanoacrylate biological adhesive in view of its use in the fixation of various fractures of the fingers," Ann. Chir. Main Memb. Super. 1997, 16(2) pp. 138-45 (Abstract)
		Reece et al., "A propsectus on tissue adhesives," The American Journal of Surgery, 182 (2001) 40S-44S.

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